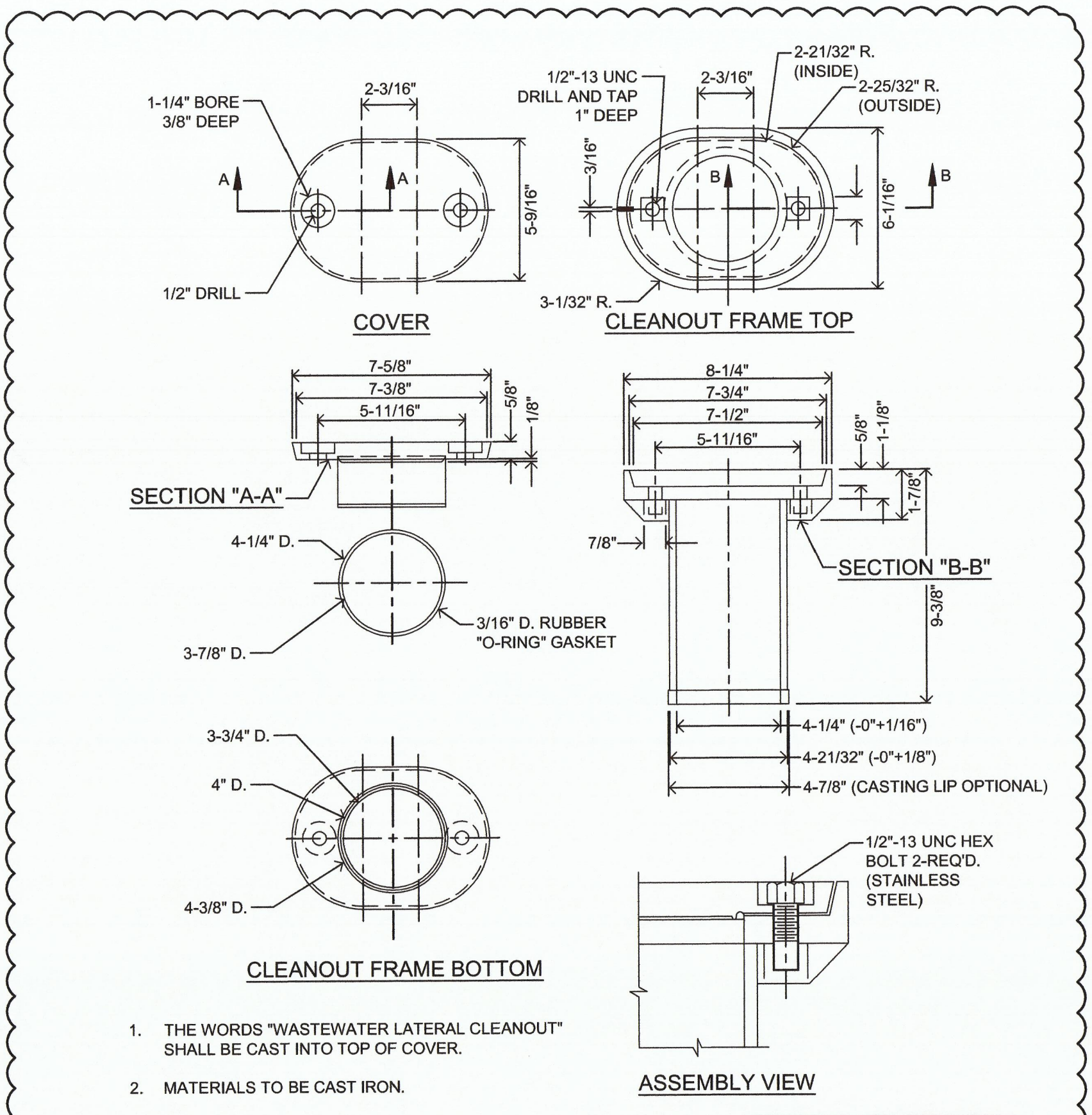


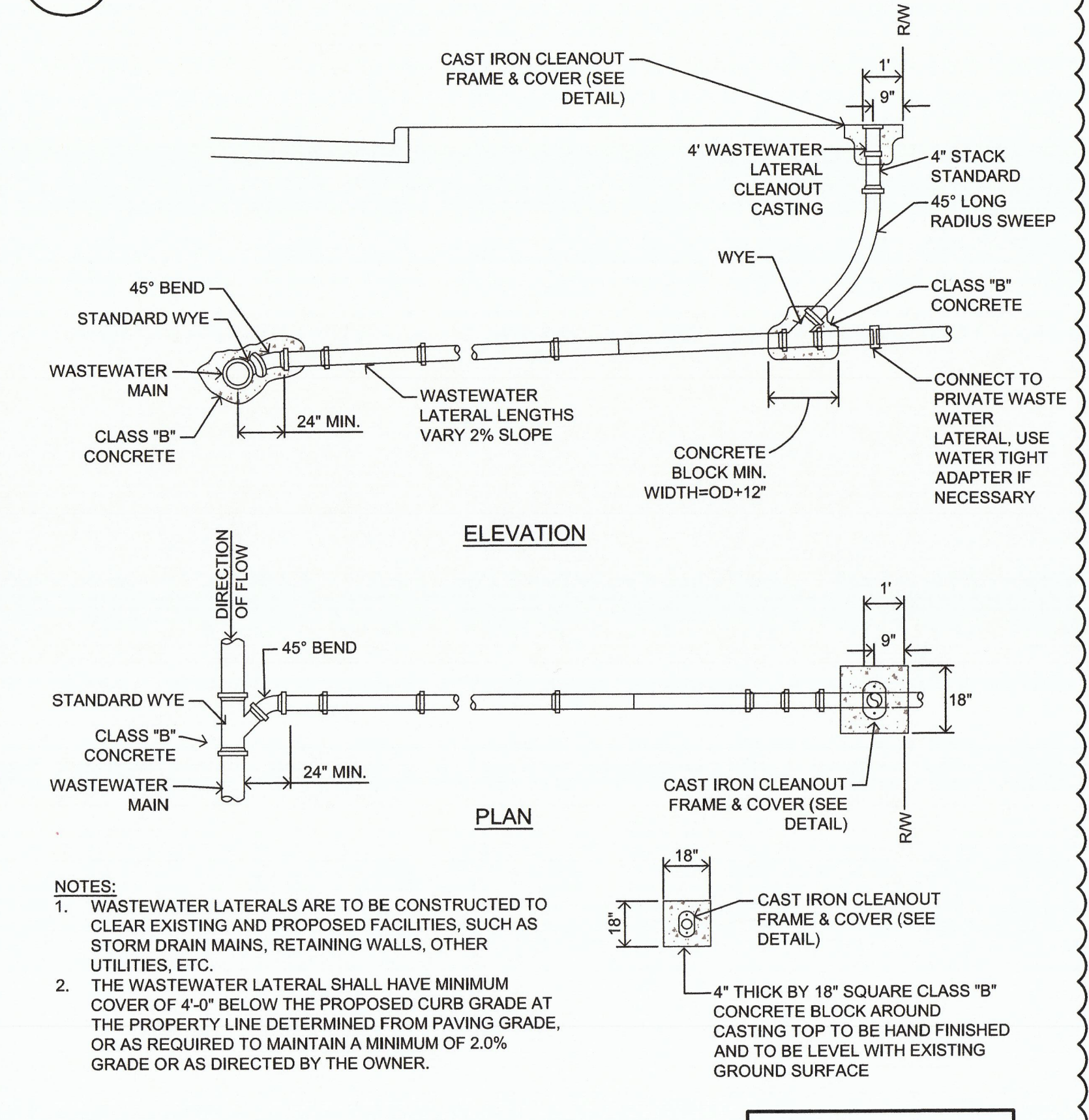
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- 1. THE WORDS "WASTEWATER LATERAL CLEANOUT" SHALL BE CAST INTO TOP OF COVER.
- 2. MATERIALS TO BE CAST IRON.

PER CITY OF ADDISON  
DETAIL SD-WW03

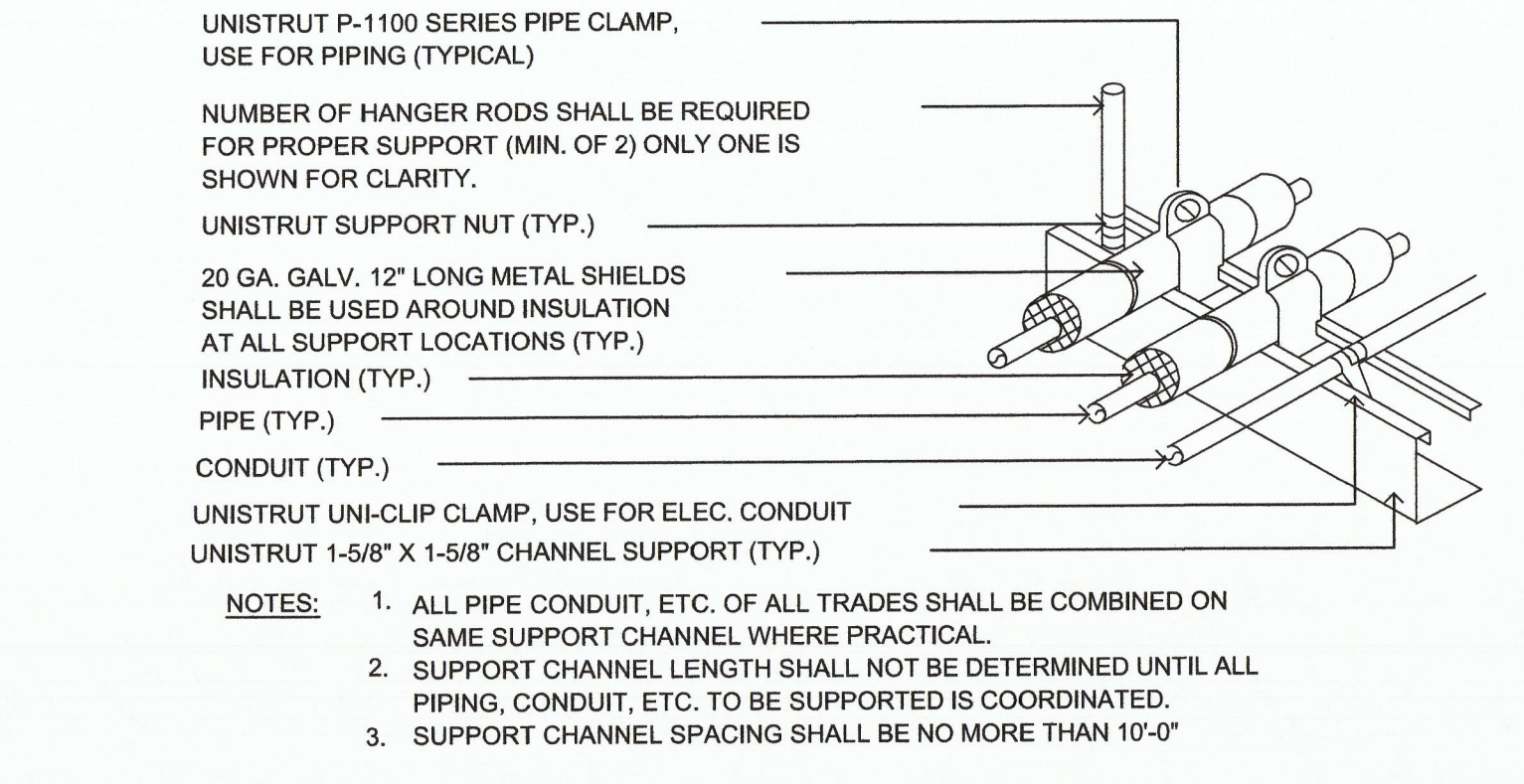
**06 CAST IRON CLEANOUT FRAME AND COVER**  
NOT TO SCALE



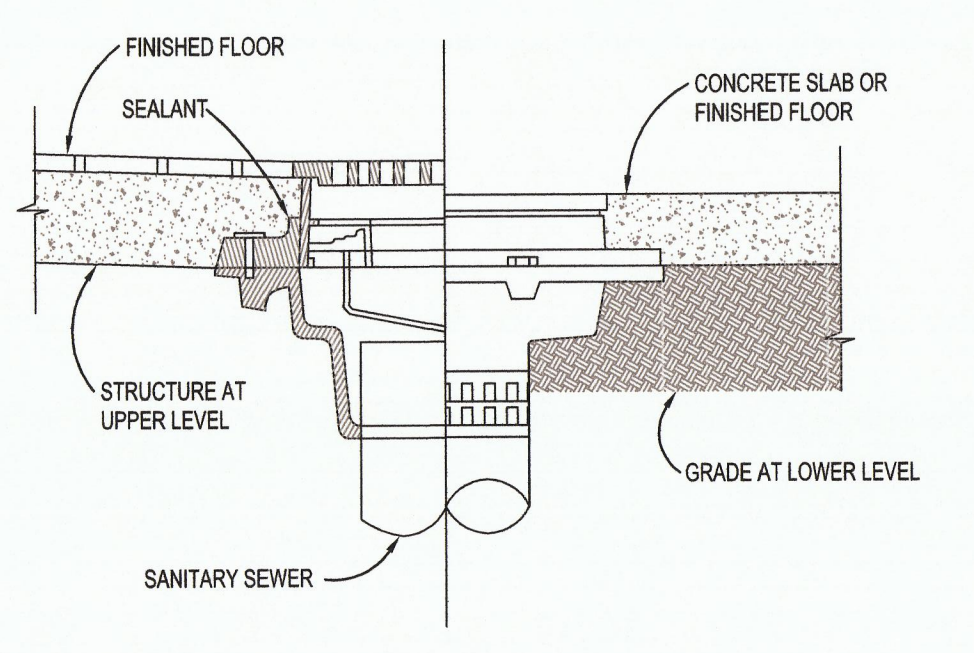
- NOTES:**
- 1. WASTEWATER LATERALS ARE TO BE CONSTRUCTED TO CLEAR EXISTING AND PROPOSED FACILITIES, SUCH AS STORM DRAIN MAINS, RETAINING WALLS, OTHER UTILITIES, ETC.
  - 2. THE WASTEWATER LATERAL SHALL HAVE MINIMUM COVER OF 4'-0" BELOW THE PROPOSED CURB GRADE AT THE PROPERTY LINE DETERMINED FROM PAVING GRADE, OR AS REQUIRED TO MAINTAIN A MINIMUM OF 2.0% GRADE OR AS DIRECTED BY THE OWNER.

PER CITY OF ADDISON  
DETAIL SD-WW02

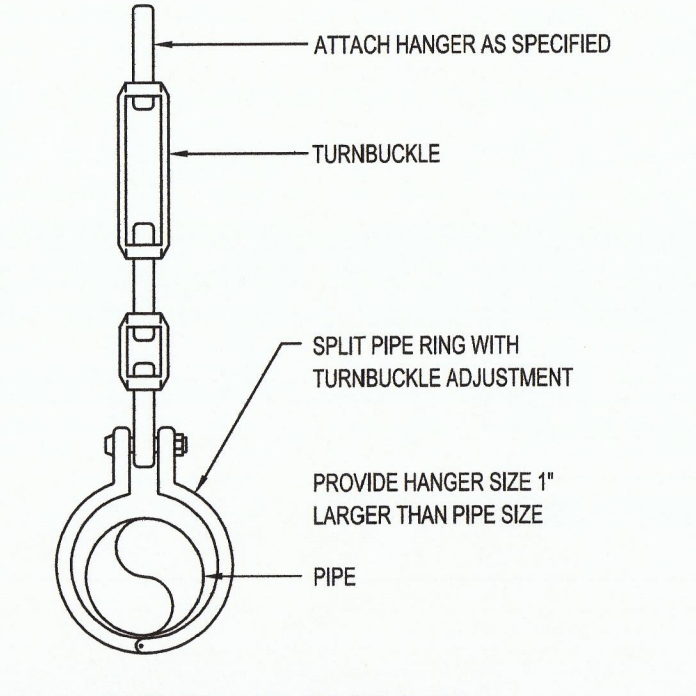
**05 GRADE CLEANOUT DETAIL**  
NOT TO SCALE



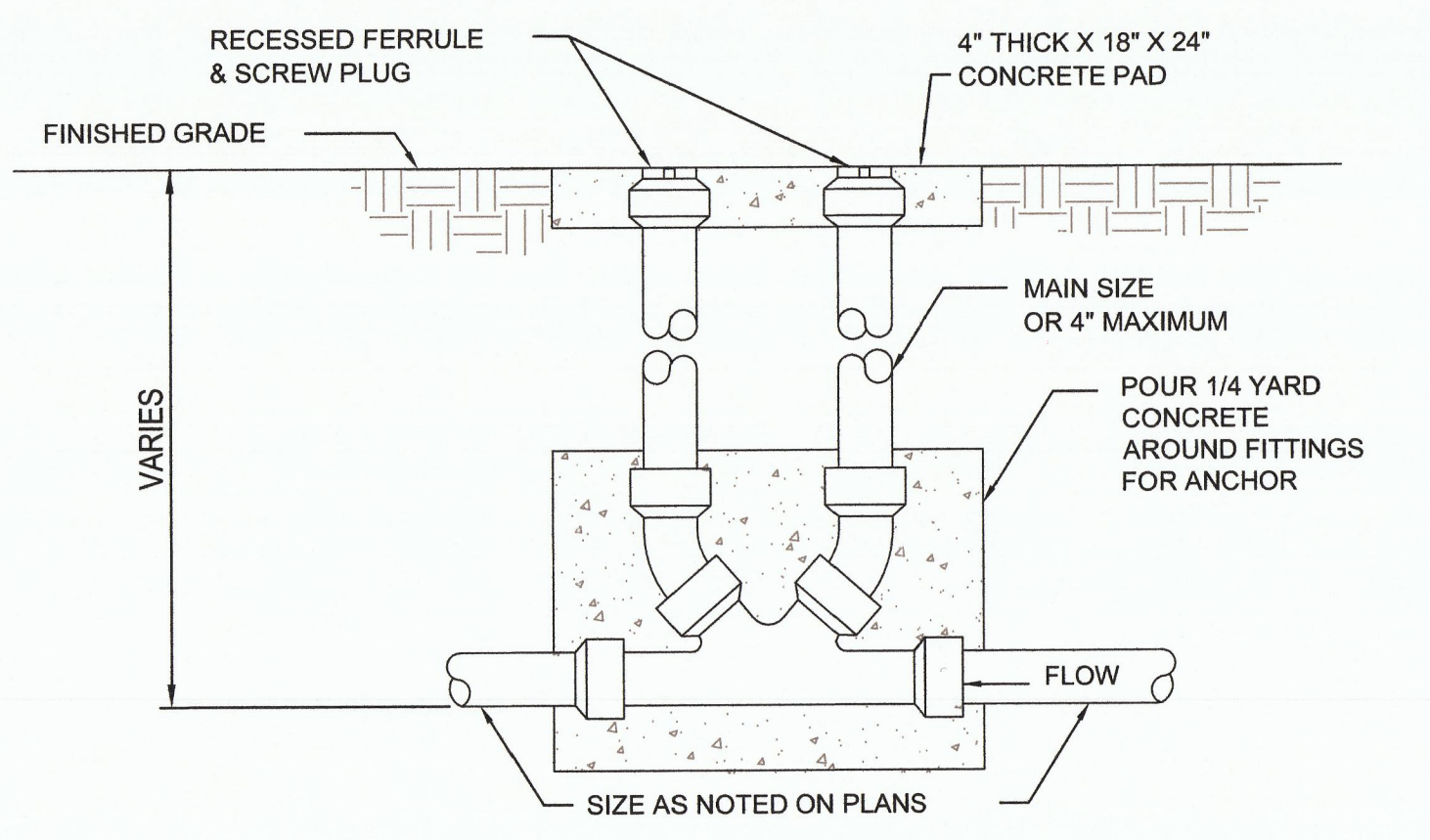
**04 PIPING SUPPORT ABOVE CEILING DETAIL**  
NOT TO SCALE



**03 FLOOR DRAIN DETAIL**  
NOT TO SCALE



**02 PIPE HANGER DETAIL**  
NOT TO SCALE



**01 TWO WAY GRADE CLEANOUT DETAIL**  
NOT TO SCALE

**PLUMBING SYMBOLS**

	SANITARY SEWER
	COLD WATER
	HOT WATER
	VENT
	GAS PIPING
	GAS PIPING SLEEVED AND VENTED (ALL INTERIOR GAS PIPING)
FD	FLOOR DRAIN
FD1	FLOOR DRAIN W/ SEDIMENT BUCKET
	BALL VALVE
WCO	WALL CLEAN OUT
CO	CLEAN OUT
GCO	GRADE CLEAN OUT
2-WAY G.C.O.	DOUBLE GRADE CLEAN OUT
G-III HB	ROOF HYDRANT
VTR	VENT THRU ROOF
	ICE MAKER VALVE BOX

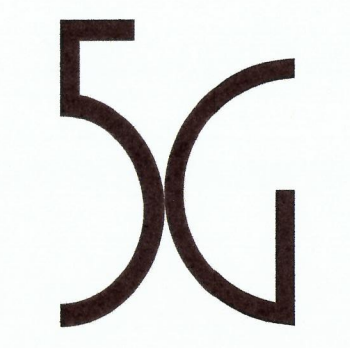
**PLUMBING GENERAL NOTES**

1. FINAL SELECTION OF ALL PLUMBING FIXTURES SHALL BE COORDINATED THROUGH THE ARCHITECT FOR ACCEPTABLE SELECTIONS.
2. ALL PIPE LOCATED ABOVE CEILING IN RETURN AIR PLENUM SHALL BE MADE OF COPPER OR NON COMBUSTIBLE MATERIALS
3. PLUMBING CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL HANDICAP PLUMBING FIXTURES BEFORE INSTALLATION OF ANY PIPING.
4. PLUMBING CONTRACTOR SHALL COORDINATE EXACT CONNECTION POINTS OF SANITARY AND WATER SERVICES TO EACH BUILDING WITH CIVIL PLANS BEFORE ANY INSTALLATION.
5. PLUMBING CONTRACTOR SHALL COORDINATE LOCATION AND SIZE OF ALL ACCESS DOORS WITH ARCHITECT
6. INSTALL ALL COLD AND HOT WATER PIPING WITH 1" FIBERGLASS INSULATION WITH CANVAS JACKET.
7. PROVIDE A DOUBLE CHECK VALVE BACK FLOW PREVENTED AT ALL DOMESTIC WATER SERVICES.
8. BUILDING DRAIN AND SANITARY SEWER LINES MUST MAINTAIN AT LEAST 1/4" PER FOOT FALL.
9. ALL FLOOR DRAINS REQUIRE INSTALLED WITH TRAP PRIMERS.
10. ALL MATERIALS LOCATED IN THE SPACE ABOVE CEILING USED AS A RETURN PLENUM SHALL BE MADE OF NON COMBUSTIBLE MATERIALS WITH A RATING OF 25/50 FOR SMOKE AND FLAME SPREAD.

**PLUMBING FIXTURE CONNECTION SCHEDULE**

DESCRIPTION	HOT/TEMP. WATER	COLD WATER	TRAP	WASTE	VENT
WATER CLOSET	-	1	-	4	2
LAVATORY	1/2	1/2	1-1/4	2	1-1/2
SINK	1/2	1/2	1-1/2	2	1-1/2
MOP SINK	1/2	1/2	2	2	2
WATER HEATER, GAS.	3/4	3/4	-	-	-
SHOWER	3/4	3/4	2	2	1-1/2
FLOOR DRAIN	-	-	3	3	1-1/2
HOSE BIB	-	3/4	-	-	-

\* REFER TO SPECIFICATIONS FOR FIXTURE TYPE AND CONFIGURATION.  
\* REFER TO PLUMBING PLANS AND RISERS FOR ADDITIONAL LINE SIZES.  
\* REFER TO ARCHITECTS DRAWINGS FOR ALL FIXTURE MOUNTING HEIGHTS.



**ARCHITECT**  
5G Studio Collaborative, LLC.,  
800 Jackson St., Suite 500  
Dallas, TX 75202  
Contact: Paul Merrill  
p: 214.670.0050 f: 214.670.0052

**STRUCTURAL ENGINEER**  
Datum Engineers, Inc.  
6516 Forest Park Road  
Dallas, TX 75235  
Contact: Ann-Marie Doughty McSweeney  
p: 214.385.0174

**MEP ENGINEER**  
IEG, LTD  
635 Westport Parkway, Suite 300  
Grapeland, TX 76051-6747  
Contact: Robert Frick  
p: 817.410.2858 x 213

**LANDSCAPE ARCHITECT**  
David Hocker Design Group  
918 Dragon Street  
Dallas Texas 75207  
Contact: David Hocker  
p: 214.546.7477

All responsibility for the adequacy of these plans remains with the Engineer who prepared them. In approving these plans, the Town of Addison makes no representation of adequacy of the work of the Design Engineer.

APPROVED FOR CONSTRUCTION  
Town of Addison  
Infrastructure Operations And Services Department  
APPROVED BY: *[Signature]*  
DATE: 11/14/14  
\* 16601 Westgrove Dr. Addison, TX 75001 (972)450-2871

Rev	DATE	ISSUE TITLE
	10/28/14	REVIEW COMMENTS
	10/29/14	PERMIT COMMENTS/ISSUE FOR CONS.
	12/22/14	PERMIT SET

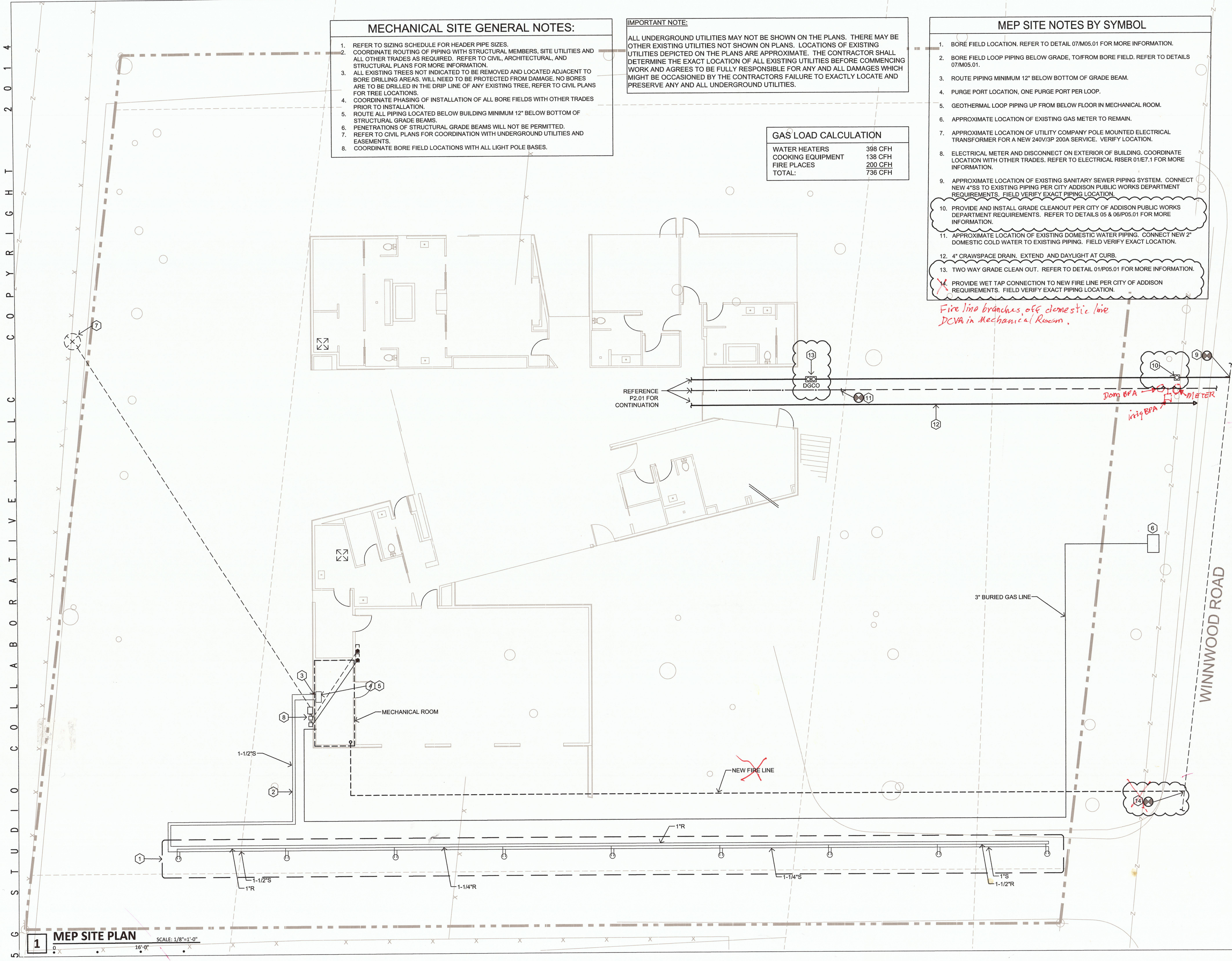


PRIVATE RESIDENCE  
14631 WINNWOOD  
ADDISON, TX

PLUMBING DETAILS



14641 WINNWOOD



**MECHANICAL SITE GENERAL NOTES:**

1. REFER TO SIZING SCHEDULE FOR HEADER PIPE SIZES.
2. COORDINATE ROUTING OF PIPING WITH STRUCTURAL MEMBERS, SITE UTILITIES AND ALL OTHER TRADES AS REQUIRED. REFER TO CIVIL, ARCHITECTURAL, AND STRUCTURAL PLANS FOR MORE INFORMATION.
3. ALL EXISTING TREES NOT INDICATED TO BE REMOVED AND LOCATED ADJACENT TO BORE DRILLING AREAS. WILL NEED TO BE PROTECTED FROM DAMAGE. NO BORES ARE TO BE DRILLED IN THE DRIP LINE OF ANY EXISTING TREE. REFER TO CIVIL PLANS FOR TREE LOCATIONS.
4. COORDINATE PHASING OF INSTALLATION OF ALL BORE FIELDS WITH OTHER TRADES PRIOR TO INSTALLATION.
5. ROUTE ALL PIPING LOCATED BELOW BUILDING MINIMUM 12" BELOW BOTTOM OF STRUCTURAL GRADE BEAMS.
6. PENETRATIONS OF STRUCTURAL GRADE BEAMS WILL NOT BE PERMITTED.
7. REFER TO CIVIL PLANS FOR COORDINATION WITH UNDERGROUND UTILITIES AND EASEMENTS.
8. COORDINATE BORE FIELD LOCATIONS WITH ALL LIGHT POLE BASES.

**IMPORTANT NOTE:**

ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN ON THE PLANS. THERE MAY BE OTHER EXISTING UTILITIES NOT SHOWN ON PLANS. LOCATIONS OF EXISTING UTILITIES DEPICTED ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

**GAS LOAD CALCULATION**

WATER HEATERS	398 CFH
COOKING EQUIPMENT	138 CFH
FIRE PLACES	200 CFH
TOTAL:	736 CFH

- MEP SITE NOTES BY SYMBOL**
1. BORE FIELD LOCATION. REFER TO DETAIL 07/M05.01 FOR MORE INFORMATION.
  2. BORE FIELD LOOP PIPING BELOW GRADE, TO/FROM BORE FIELD. REFER TO DETAILS 07/M05.01.
  3. ROUTE PIPING MINIMUM 12" BELOW BOTTOM OF GRADE BEAM.
  4. PURGE PORT LOCATION, ONE PURGE PORT PER LOOP.
  5. GEOTHERMAL LOOP PIPING UP FROM BELOW FLOOR IN MECHANICAL ROOM.
  6. APPROXIMATE LOCATION OF EXISTING GAS METER TO REMAIN.
  7. APPROXIMATE LOCATION OF UTILITY COMPANY POLE MOUNTED ELECTRICAL TRANSFORMER FOR A NEW 240V/3P 200A SERVICE. VERIFY LOCATION.
  8. ELECTRICAL METER AND DISCONNECT ON EXTERIOR OF BUILDING. COORDINATE LOCATION WITH OTHER TRADES. REFER TO ELECTRICAL RISER 01/E7.1 FOR MORE INFORMATION.
  9. APPROXIMATE LOCATION OF EXISTING SANITARY SEWER PIPING SYSTEM. CONNECT NEW 4"SS TO EXISTING PIPING PER CITY ADDISON PUBLIC WORKS DEPARTMENT REQUIREMENTS. FIELD VERIFY EXACT PIPING LOCATION.
  10. PROVIDE AND INSTALL GRADE CLEANOUT PER CITY OF ADDISON PUBLIC WORKS DEPARTMENT REQUIREMENTS. REFER TO DETAILS 05 & 06/P05.01 FOR MORE INFORMATION.
  11. APPROXIMATE LOCATION OF EXISTING DOMESTIC WATER PIPING. CONNECT NEW 2" DOMESTIC COLD WATER TO EXISTING PIPING. FIELD VERIFY EXACT LOCATION.
  12. 4" CRAWSPACE DRAIN. EXTEND AND DAYLIGHT AT CURB.
  13. TWO WAY GRADE CLEAN OUT. REFER TO DETAIL 01/P05.01 FOR MORE INFORMATION.
  14. PROVIDE WET TAP CONNECTION TO NEW FIRE LINE PER CITY OF ADDISON REQUIREMENTS. FIELD VERIFY EXACT PIPING LOCATION.

*Fire line branches off domestic line DCVA in Mechanical Room.*

*Dom BFA → COLLECTOR  
Inq BFA → METER*



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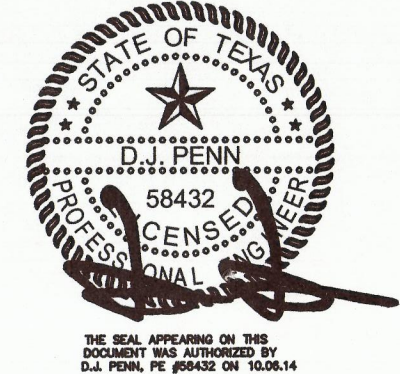
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10.06.14		PERMIT COMMENTS/ISSUE FOR CONS.
09.22.14		PERMIT SET



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14631 WINNWOOD  
ADDISON, TX  
**MEP SITE PLAN**

**ME01.01**

140029 PROJECT NUMBER SHEET NUMBER

14641 WINNWOOD